

STATE OF NEW HAMPSHIRE
INTRA-DEPARTMENT COMMUNICATION

FROM

SEL
Sarah Large
Wetlands Program Analyst

DATE

September 13, 2018.

AT (OFFICE)

Bureau of Environment

SUBJECT

Wetland Bureau Permit #2018-00498
Loudon-Canterbury, 29613

TO

Keith Cota, Bureau of Highway Design

Forwarded herewith, for your files and further use as appropriate, is a copy of the subject permit as approved by the Wetlands Bureau and the Water Division on 06/04/2018.

Please note specific conditions on permit.

TERRAIN ALTERATION

Note that the non-site specific permit (RSA 485-A: 17 "Terrain Alteration") is part of this Wetlands Bureau Permit.

WATER QUALITY CERTIFICATION

- ☒ This permit covers the project's consideration for Water Quality protection and no further action is required by this office.
- ☐ This permit does not cover the Water Quality protection for this project. However, a Water Quality Permit will be obtained for this project.

CORPS PERMIT STATUS

- ☐ No Corps Jurisdiction
- ☐ SPGP (Minimum Impact) - No waiting period; no Corps approval required
- ☐ SPGP (Minor Impact)-Wait 30 days from NHWB issuance date; no written approval from Corps required
- ☒ SPGP (Major Impact)-Wait 30 days from NHWB issuance date; written approval from Corps required **ACOE Approval Received 8/28/2018; no need to wait**
- ☐ Emergency - No waiting period; No written approval from Corps required
- ☐ Amendment - No waiting period; No written approval from Corps required
- ☐ Corps Individual Permit Required

COASTAL ZONE MANAGEMENT (CZM) STATUS

- ☒ Outside of Coastal Zone-consistency finding not necessary from OSP
- ☐ Within Coastal Zone (Non-Federal Action)-consistency finding not necessary from OSP
- ☐ Within Coastal Zone (Federal Action)-if covered by SPGP, or no Corps' jurisdiction, consistency finding is automatic from OSP
- ☐ Within Coastal Zone (Federal Action)-if individual Corps permit, written consistency finding is necessary from OSP

EROSION CONTROL PLAN STATUS

- ☐ Erosion Control Plan Required; Submit Erosion Control Plan to DES Wetlands Bureau

If you have any questions, please call 271-3226.

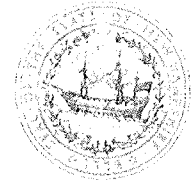
SEL:sel
Encl.

cc:
BOE Original
Darrel Elliott, Environmental Coordinator
Lysa Bennet-Crouch, Bureau of Highway Design



The State of New Hampshire
Department of Environmental Services

Robert R. Scott, Commissioner



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WETLANDS AND NON-SITE SPECIFIC PERMIT 2018-00498

NOTE CONDITIONS

PERMITTEE: NH DEPT OF TRANSPORTATION
PO BOX 483
CONCORD NH 03302

PROJECT LOCATION: NH RT 106, LOUDON
TAX MAP #ROW, LOT #ROW

WATERBODY: GUES MEADOW BROOK

APPROVAL DATE: JUNE 04, 2018

EXPIRATION DATE: JUNE 04, 2023

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Based upon review of the above referenced application, in accordance with RSA 482-A and RSA 485-A:17, a Wetlands Permit and Non-Site Specific Permit was issued by the New Hampshire Department of Environmental Services (NHDES). This permit shall not be considered valid unless signed as specified below.

PERMIT DESCRIPTION: Widen 0.90 miles of NH Route 106 south of Mudgett Road to north of the NH Motor Speedway's (NHMS) south entrance and replace guardrail, conduct drainage replacement and/or rehabilitation, addition of curb and install a 6 foot grass panel on both sides of NH 106 from Clough Hill Road to the NHMS south entrance and construct three stormwater treatment areas impacting 23,026 sq. ft. (15,060 sq. ft. temporary) of riverine and palustrine wetlands. Compensatory mitigation includes a one-time payment of \$106,102.32 to the Aquatic Resource Mitigation Fund. NHDOT project 29613.

THIS APPROVAL IS SUBJECT TO THE FOLLOWING PROJECT SPECIFIC CONDITIONS:

1. All work shall be in accordance with plans by NHDOT Bureau of Highway Design dated 2/9/2018, as received by the Department on Feb. 26, 2018.
2. Dredged material shall be placed out of the DES Wetlands Bureau jurisdiction unless specifically authorized.
3. Unconfined work within the stream, exclusive of work associated with installation of a cofferdam, shall be done during periods of low flow.
4. Cofferdams shall not be installed during periods of high flow, whether due to seasonal runoff or precipitation. Once a cofferdam is fully effective, confined work can proceed without restriction.
5. Prior to commencing work on a substructure located within surface waters, a cofferdam shall be constructed to isolate the substructure work area from the surface waters.
6. Temporary cofferdams shall be entirely removed immediately following construction.
7. Construction equipment shall not be located within surface waters.
8. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; and c) set back as far as possible from wetlands and surface waters, in all cases with a minimum of 20 ft. of undisturbed vegetated buffer.
9. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate dredge area, and shall remain until suspended particles have settled and the water at the work site has returned to normal clarity.

www.des.nh.gov

29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095

NHDES Main Line: (603) 271-3503 • Subsurface Fax: (603) 271-6683 • Wetlands Fax: (603) 271-6588

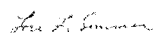
TDD Access: Relay NH 1 (800) 735-2964

10. Within three days of the last activity in an area, all exposed soil areas, where construction activities are complete, shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack on slopes steeper than 3:1 or netting /matting and pinning on slopes steeper than 2:1.
11. Where construction activities have been temporarily suspended within the growing season, all exposed soil areas shall be stabilized within 14 days by seeding and mulching or if temporarily suspended outside the growing season, all exposed areas shall be stabilized within 14 days by mulching, mulching with tack on slopes steeper than 3:1 and stabilized by matting and pinning on slopes steeper than 2:1.
12. The contractor responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
13. Extreme precautions to be taken within riparian areas to limit unnecessary removal of vegetation during road construction and areas cleared of vegetation to be revegetated as quickly as possible.
14. There shall be no further alteration to wetlands or surface waters without amendment of this permit.
15. Standard precautions shall be taken to prevent import or transport of soil or seed stock from nuisance, invading species such as purple loosestrife or Phragmites.
16. The impacts associated with the temporary work shall be restored immediately following construction.
17. This approval is not valid until DES receives a one-time payment \$106,102.32 to the DES Aquatic Resource Mitigation (ARM) Fund. The applicant shall remit payment to DES. If DES does not receive payment within 120 days of the date of this approval letter, DES will deny the application.

GENERAL CONDITIONS THAT APPLY TO ALL NHDES WETLANDS PERMITS:

1. A copy of this permit shall be posted on site during construction in a prominent location visible to inspecting personnel;
2. This permit does not convey a property right, nor authorize any injury to property of others, nor invasion of rights of others;
3. The NHDES Wetlands Bureau shall be notified upon completion of work;
4. This permit does not relieve the applicant from the obligation to obtain other local, state or federal permits, and/or consult with other agencies as may be required (including US EPA, US Army Corps of Engineers, NH Department of Transportation, NH Division of Historical Resources (NH Department of Cultural Resources), NHDES Alteration of Terrain, etc.);
5. Transfer of this permit to a new owner shall require notification to and approval by NHDES;
6. This project has been screened for potential impacts to **known** occurrences of protected species and exemplary natural communities in the immediate area. Since many areas have never been surveyed, or have only received cursory inventories, unidentified sensitive species or communities may be present. This permit does not absolve the permittee from due diligence in regard to state, local or federal laws regarding such communities or species;
7. Review enclosed sheet for status of the US Army Corps of Engineers' federal wetlands permit.

APPROVED:



Lori Sommer
Wetlands Bureau
Land Resources Management

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BY SIGNING BELOW I HEREBY CERTIFY THAT I HAVE FULLY READ THIS PERMIT AND AGREE TO ABIDE BY ALL PERMIT CONDITIONS.


OWNER'S SIGNATURE (required)
CONTRACTOR'S SIGNATURE (required)